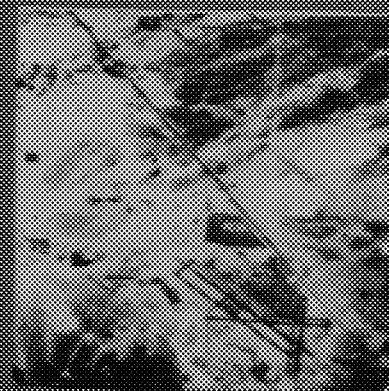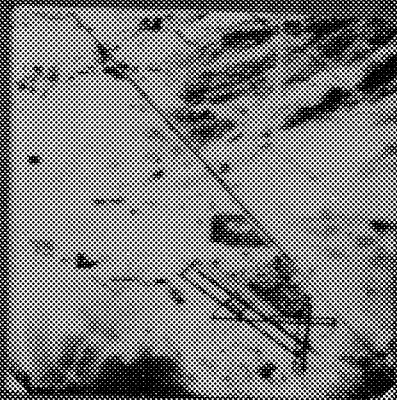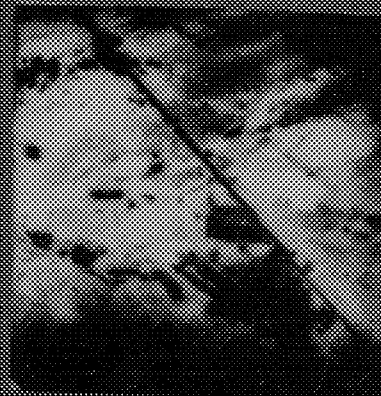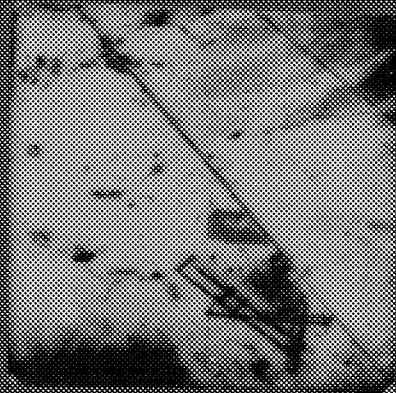BAND PASS FILTERING OF AN AERIAL
NEGATIVE USING THE IMAGE ENHANCE-
MENT VIEWER

BAND PASS FILTERING OF AN AERIAL NEGATIVE
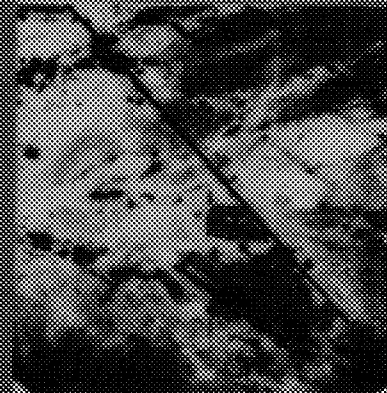
USING THE IMAGE ENHANCEMENT VIEWER

1. Left - Cut-off frequency, Low pass 108 L/mm, High pass 0/ L/mm   1/2 sec. exposure

   Right - Cut-off frequency, Low pass 108 L/mm, High pass 0/ L/mm   1 sec. exposure

2. Left - Cut-off frequency, Low pass 108 L/mm, High pass .56L/mm   4 sec. exposure

   Right - Cut-off frequency, Low pass 108 L/mm, High pass .56 L/mm 16 sec. exposure

3. Left - Cut-off frequency, Low Pass 108 L/mm, High pass .94 L/mm   8 sec. exposure

   Right - Cut-off frequency, Low Pass 108 L/mm, High pass .94 L/mm 30 sec. exposure

4. Left - Cut-off frequency, Low Pass 108 L/mm, High pass 1.5 L/mm 16 sec. exposure

   Right - Cut-off frequency, Low Pass 108 L/mm, High pass 1.5 L/mm   1 min. exposure

5. Left - Cut-off frequency, Low Pass 108 L/mm, High pass 2.9 L/mm 30 sec. exposure

   Right - Cut-off frequency, Low Pass 108 L/mm, High pass 2.9 L/mm   1 min. exposure

6. Left - Cut-off frequency, Low Pass 108 L/mm, High pass 5.9 L/mm 30 sec. exposure

   Right - Cut-off frequency, Low Pass 108 L/mm, High pass 5.9 L/mm   2 min. exposure

7. Left - Cut-off frequency, Low Pass 108 L/mm, High pass 8.8 L/mm 30 sec. exposure

   Right - Cut-off frequency, Low Pass 108 L/mm, High pass 8.8 L/mm   1 min. exposure

8. Left - Cut-off frequency, Low Pass 108 L/mm, High pass 11.8 L/mm 30 sec. exposure

   Right - Cut-off frequency, Low Pass 108 L/mm, High pass 11.8 L/mm 1 min. exposure

9. Left - Cut-off frequency, Low Pass 15.2 L/mm, High pass .56 L/mm 4 sec. exposure

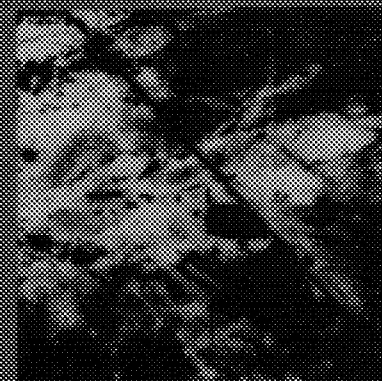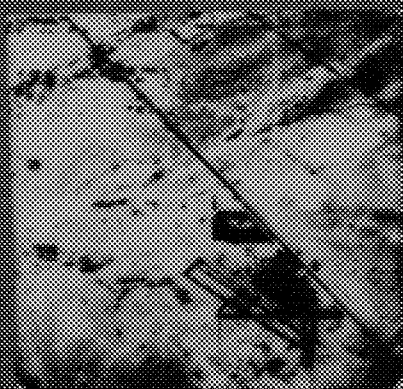   Right - Cut-off frequency, Low Pass 15.2 L/mm, High pass .94 L/mm 8 sec. exposure

1. 1/2 sec.   Cut-off frequency   1 sec.
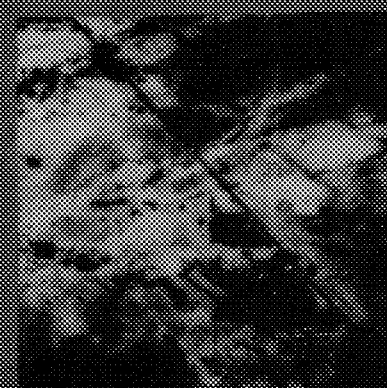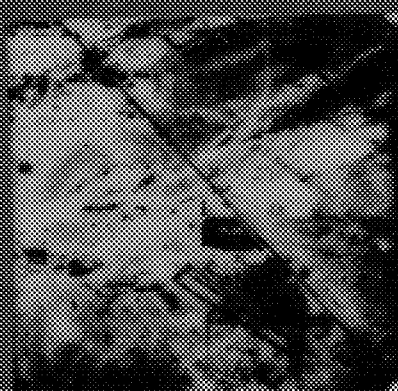   Exp.   Low Pass 108 L/mm   Exp.
                High Pass 0/L/mm

2. 4 sec.   Cut-off frequency   16 sec.
      Exp.   Low Pass 108 L/mm   Exp.
                High Pass .56 L/mm
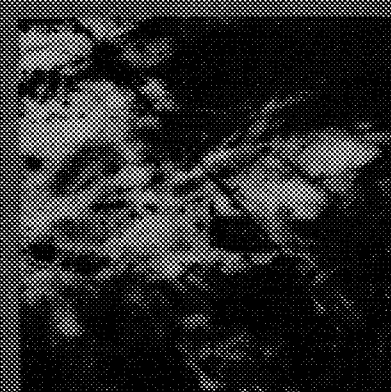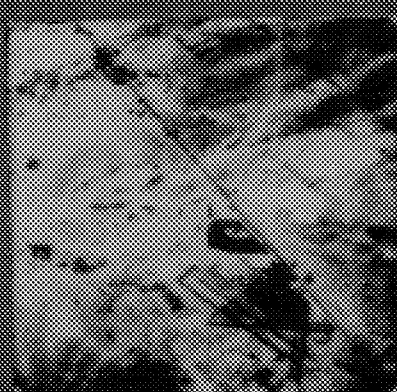

3. 8 sec   Cut-off frequency   30 sec.
      Exp.   Low Pass 108 L/mm   Exp.
                High Pass .94 L/mm
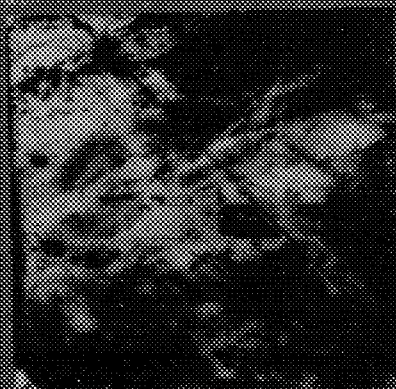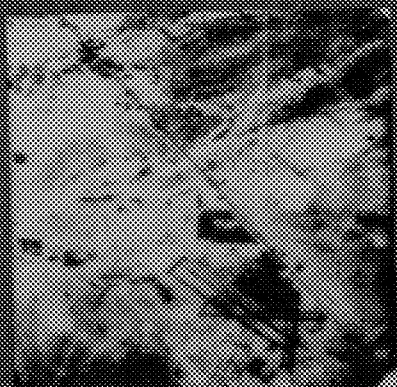
4. 16 sec.   Cut-off frequency   1 min.
   Exp.   Low Pass 108 L/mm   Exp.
               High Pass 1.5 L/mm
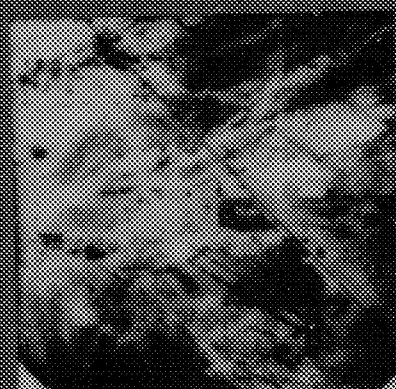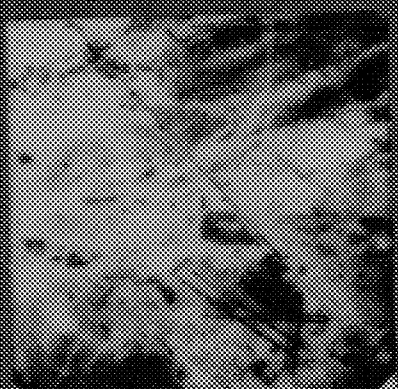

5. 30 sec.   Cut-off frequency   1 min.
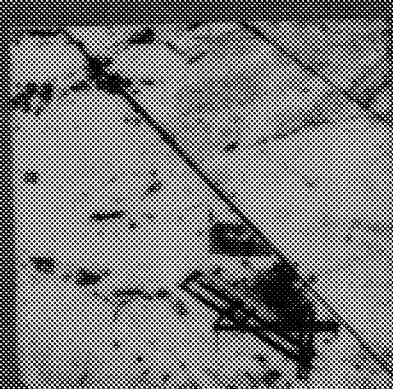   Exp.   Low Pass 108 L/mm   Exp.
               High Pass 2.9 L/mm

6. 30 sec.   Cut-off frequency   2 min.
   Exp.   Low Pass 108 L/mm   Exp.
               High Pass 5.9 L/mm

7. 30 sec.   Cut-off frequency   2 min.
   Exp.   Low Pass 108 L/mm   Exp.
              High Pass 8.8 L/mm

   30 sec.   Cut-off frequency   1 min.
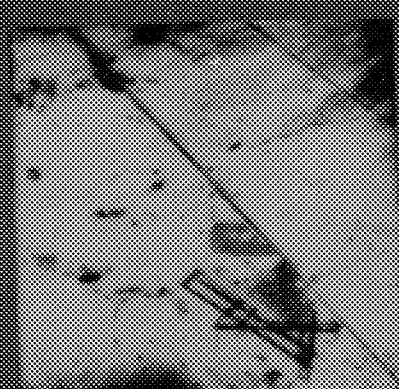   Exp.   Low Pass 108 L/mm   Exp.
              High Pass 11.8 L/mm

   4 sec.   Cut-off frequency
   Exp.   Low Pass 15.2 L/mm
              High Pass .56 L/mm

   4 sec.   Cut-off frequency
   Exp.   Low Pass 15.2 L/mm
              High Pass .94 L/mm

OSA -3747-64

Itek·   ITEK CORPORATION - 10 MAGUIRE ROAD

LEXINGTON 73 MASSACHUSETTS - VOLUNTEER 2-6200

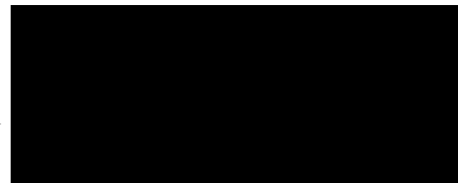4 November 1964

STATINTL

Attention:

Dear Sir,

Enclosed are a set of negatives taken on the Image Enhancement
Viewer per your request. Representative frequency bands were chosen,
and the resultant images photographed on commerical Panatomic-X (70 mm)
at several exposure levels. A listing and description of the negatives
is included.

Should any further information concerning the negatives or the
processes involved in their production be required, do not hesitate to
contact me.

Please accept my sincerest apologies for the lateness in the submission
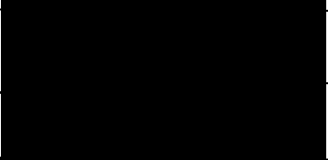of this set of negatives due to an unavoidable administrative delay.

Sincerely yours,

STATOTHR

PN:jw

Enclosure

ROUTING SLIP

25X1A

TO	NAME AND ADDRESS		INITIALS	DATE
1.				
2.	Rm 4N411			
3.	Bldg 213			
4.				
5.				
6.				
7.				
	RETURN TO SENDER			

ACTION		CONCURRENCE		INFORMATION	
COMMENT		FILE		SIGNATURE	

REMARKS

25X1A

FROM

NAME AND ADDRESS		6986
C 8703 A		

FORM
1-59 1582 (40)

25X1A

MEMORANDUM FOR:

I have prepared a
memo for Record
— should reach you
eventually —
returning the reports —
Thanks loads.   ref.

File in Proj. 4016 ov _____
997484   (DATE)
4 Jan 65 E. S.

FORM NO. 101 REPLACES FORM 10-101
1 AUG 54   WHICH MAY BE USED.   (47)

BAND PASS FILTERING OF AN AERIAL
NEGATIVE USING THE IMAGE ENHANCE-
MENT VIEWER